



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

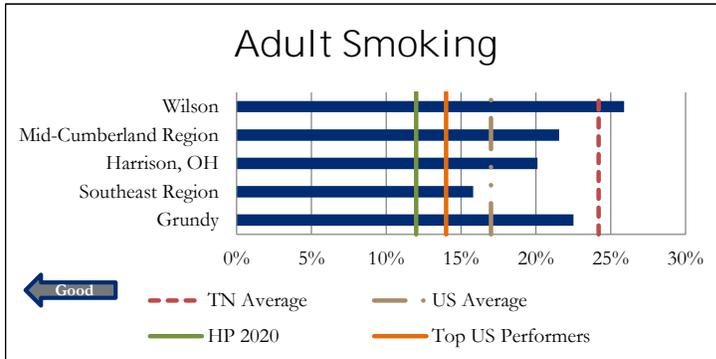
Grundy County

TN

Department of
Health

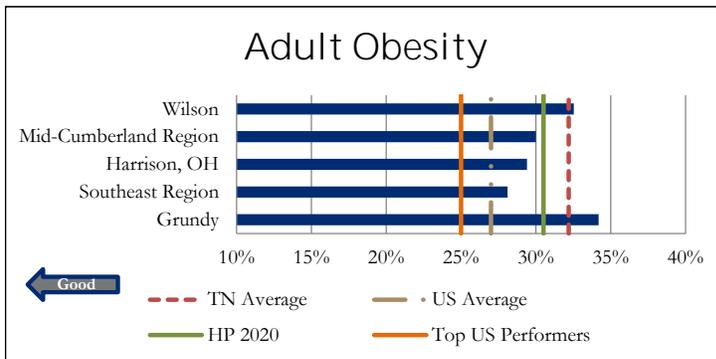
Demographics

Population:	13,425	<18 YOA:	21.57%	65+ YOA:	20.69%	% Rural:	100.00%
Unemployment:	9.38%	% Females:	50.50%	% Males:	49.50%	Graduation Rate:	82.50%
Single parent households:	39.64%	MHI:	\$28,086				



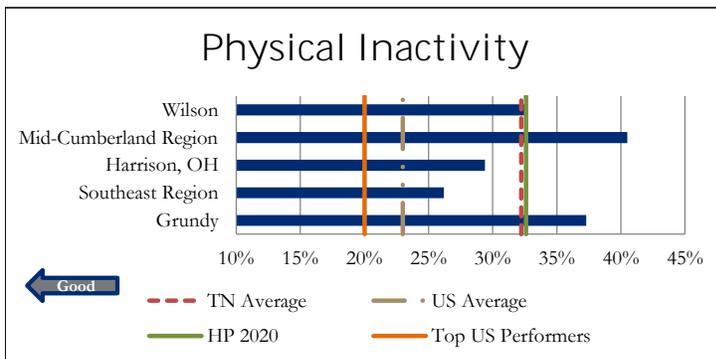
Top Third

Measure	Value
Sexually Transmitted Infections	58.61
Excessive Drinking	10.50%
Driving Alone to Work	80.27%
Adult Obesity	30.00%
Alcohol-Impaired Driving Deaths	21.05%



Middle Third

Measure	Value
Social Associations	11.85
Air Pollution - Particulate Matter	13.68
Mental Health Providers	2685:1
Income Inequality	4.70
Teen Births	51.20
Long Commute - Driving Alone	40.50%
Food Environment Index	6.70



Bottom Third

Measure	Value
Premature Death	15541.70
Injury Deaths	170.16
Poor Mental Health Days	5.30
Some College	28.20%
Physical Inactivity	40.50%
Preventable Hospital Stays	139.39
Mammography Screening	48.00%
Poor or Fair Health	27.30%
Poor Physical Health Days	5.50
Children in Poverty	37.20%



Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Premature Death								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		95	Knox	15541.70	7735.80	7805.90	↑Bad ↓Good	6,600.00	Tyler, WV	8382.20
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							White, GA	7359.00
		Source		National Center for Health Statistics - Mortality files		Year(s)		2011-2013	Harrison, OH	8646.00
Health Outcomes	Quality of Life	Poor or Fair Health*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		91	Rutherford	27.30%	19.60%	7.70%	↑Bad ↓Good	18.00%	Tyler, WV	20.20%
		Improve the health of 8 out of every 100 people in the county who, in general, report being in poor or fair health.							White, GA	15.50%
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Harrison, OH	16.90%
Health Outcomes	Quality of Life	Poor Physical Health Days*								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		91	Knox	5.50	4.30	1.20	↑Bad ↓Good	3.8	Tyler, WV	4.70
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							White, GA	3.80
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Harrison, OH	3.90
Health Outcomes	Quality of Life	Poor Mental Health Days*								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		94	Williamson	5.30	3.80	1.50	↑Bad ↓Good	2.8	Tyler, WV	4.60
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							White, GA	3.90
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Harrison, OH	4.10
Health Outcomes	Quality of Life	Low Birthweight								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		84	Pickett	10.34%	7.24%	3.10%	↑Bad ↓Good	8.00%	Tyler, WV	8.70%
		Reduce the number of low birth weight babies by 4 for every 100 live births.							White, GA	6.66%
		Source		National Center for Health Statistics - Natality files		Year(s)		2007-2013	Harrison, OH	7.54%
Health Factors	Health Behaviors	Adult Smoking*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		87	Humphreys	25.90%	21.10%	4.80%	↑Bad ↓Good	17.00%	Tyler, WV	22.50%
		Get 19 out of every 100 current adult smokers in the county to quit smoking.							White, GA	15.80%
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2014	Harrison, OH	20.10%
Health Factors	Health Behaviors	Adult Obesity								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		11	Hamilton	30.00%	29.90%	0.10%	↑Bad ↓Good	27.00%	Tyler, WV	34.20%
		Get 1 out of every 100 current obese adults in the county to reduce their BMI below 30.							White, GA	28.10%
		Source		CDC Diabetes Interactive Atlas		Year(s)		2012	Harrison, OH	29.40%
Health Factors	Health Behaviors	Food Environment Index								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		62	Cannon	6.70	7.9	1.2	↑Good ↓Bad	7.20	Tyler, WV	7.70
		Increase the county's food index score by 1.2.							White, GA	7.80
		Source		USDA Food Environment Atlas, Map the Meal Gap		Year(s)		2013	Harrison, OH	7.60

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. *The action statements are based on the assumption that no new additional cases occur. **Data should not be compared with prior years due to changes in definition/methods. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors		Health Behaviors		Physical Inactivity							Peer County		Peer Value	
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
		93	Shelby	40.50%	30.20%	10.30%	↑Bad ↓Good	23.00%	Tyler, WV	37.30%				
		Get 26 out of every 100 currently physically inactive adults to exercise during leisure time.							White, GA	26.20%				
		Source		CDC Diabetes Interactive Atlas			Year(s)		2012	Harrison, OH	29.40%			
		Access to Exercise Opportunities		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		79	Loudon	27.88%	78.48%	50.60%	↑Good ↓Bad	84.00%	Tyler, WV	64.60%				
		Consider how to remove barriers to access exercise locations to reach an additional 50.6 percent of the county's population.							White, GA	95.04%				
		Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)		2010 & 2014	Harrison, OH	53.66%			
		Excessive Drinking		Rank 1st Ranked Value 1st Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		8	Haywood	10.50%	8.90%	1.60%	↑Bad ↓Good	17.00%	Tyler, WV	11.30%				
		Get 16 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.							White, GA	15.20%				
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	Harrison, OH	16.30%			
		Alcohol-Impaired Driving Deaths		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		15	Sullivan	21.05%	19.17%	1.89%	↑Bad ↓Good	31.00%	Tyler, WV	33.33%				
		Reduce the number of alcohol related driving deaths by 1.89 percent.							White, GA	29.17%				
		Source		Fatality Analysis Reporting System			Year(s)		2010-2014	Harrison, OH	20.00%			
		Sexually Transmitted Infections		Rank 1st Ranked Value 1st Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		1	Grundy	58.61	58.61	0.00	↑Bad ↓Good	446.60	Tyler, WV	132.79				
		No action required.							White, GA	112.50				
		Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013	Harrison, OH	210.00			
		Teen Births		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		57	Putnam	51.20	34.87	16.33	↑Bad ↓Good	35.00	Tyler, WV	45.88				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 32 teen(s) from becoming pregnant.							White, GA	31.79				
		Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013	Harrison, OH	45.06			
		Uninsured		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		80	Cheatham	18.48%	14.54%	3.94%	↑Bad ↓Good	17.00%	Tyler, WV	18.02%				
		Get 22 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							White, GA	21.64%				
		Source		Small Area Health Insurance Estimates			Year(s)		2013	Harrison, OH	14.01%			
		Primary Care Physicians		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		NA	Coffee	NA	1368:1	NA	↑Bad ↓Good	1320:1	Tyler, WV	1499:1				
		No information available							White, GA	3971:1				
		Source		Area Health Resource File/American Medical Association			Year(s)		2013	Harrison, OH	3906:1			
		Dentists		Rank 10th Ranked Value 10th Ranked Value Difference Shift in Value US Average Peer County Peer Value										
		NA	Dickson	NA	1744:1	NA	↑Bad ↓Good	1540:1	Tyler, WV	9098:1				
		No information available							White, GA	3108:1				
		Source		Area Health Resource File/National Provider Identification file			Year(s)		2014	Harrison, OH	7772:1			

Health Factors	Clinical Care	Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers Source: CMS, National Provider Identification file Year(s): 2015	52	Henry	2685:1	644:1	2041	↑Bad ↓Good	490:1	Tyler, WV	4549:1
	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 144 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.									White, GA	1554:1
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	92	Anderson	139.39	50.27	89.12	↑Bad ↓Good	54.00	Tyler, WV	78.84		
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees Source: Dartmouth Atlas of Health Care Year(s): 2013	For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.									White, GA	45.44
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	76	Giles	84.52%	89.20%	4.68%	↑Good ↓Bad	63.00%	Tyler, WV	89.92%		
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring Source: Dartmouth Atlas of Health Care Year(s): 2013	For every 100 diabetic Medicare enrollees, get 5 additional Medicare enrollees to receive HbA1c screening.									White, GA	88.82%
Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	92	Cumberland	48.00%	71.00%	23.00%	↑Good ↓Bad	63.00%	Tyler, WV	71.00%		
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening Source: Dartmouth Atlas of Health Care Year(s): 2013	For every 100 female Medicare enrollees, get 23 additional Medicare enrollees to receive their mammography screening.									White, GA	67.00%
High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	82	Tipton	82.50%	98.00%	15.50%	↑Good ↓Bad	82.00%	Tyler, WV	87.50%		
Percentage of ninth-grade cohort that graduates in four years Source: EDFacts Year(s): 2012-2013	For every 100 ninth graders, assist 16 additional ninth graders to graduate within four years.									White, GA	42.33%
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	94	Shelby	28.20%	62.28%	34.09%	↑Good ↓Bad	64.00%	Tyler, WV	45.12%		
Percentage of adults ages 25-44 years with some post-secondary education Source: American Community Survey Year(s): 2010-2014	For every 100 adults between 25-44 years of age, assist 35 additional adults to complete some coursework at the collegiate level.									White, GA	49.78%
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	84	Robertson	9.38%	5.69%	3.69%	↑Bad ↓Good	6.20%	Tyler, WV	8.93%		
Percentage of population ages 16 and older unemployed but seeking work Source: Bureau of Labor Statistics Year(s): 2014	For every 100 persons ages 16 years and older, help 4 persons successfully find employment.									White, GA	6.31%
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	91	Dickson	37.20%	21.10%	16.10%	↑Bad ↓Good	22.00%	Tyler, WV	23.60%		
Percentage of children under age 18 in poverty Source: Small Area Income and Poverty Estimates Year(s): 2014	For every 100 children (under 18 years) in poverty, help 44 children to find assistance to get out of poverty.									White, GA	27.00%
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	56	Houston	4.70	4.11	0.59	↑Bad ↓Good	4.70	Tyler, WV	4.46		
Ratio of household income at the 80th percentile to income at the 20th percentile Source: American Community Survey Year(s): 2010-2014	To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).									White, GA	4.06
								Harrison, OH	4.21		

Health Factors	Social & Economic Factors	Children in Single-Parent Households								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		84	Lawrence	39.64%	23.36%	16.28%	↑Bad ↓Good	34.00%	Tyler, WV	23.60%
		For every 100 single parent households in the county, investigate ways to encourage 42 households to be a multi-parent household.							White, GA	39.13%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	30.38%
		Percentage of children that live in a household headed by single parent								
Health Factors	Social & Economic Factors	Social Associations								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		35	Johnson	11.85	16.13	4.28	↑Good ↓Bad	9.00	Tyler, WV	15.56
		For every 100 people in the county, increase the number of membership associations by 1.							White, GA	10.07
		Source		County Business Patterns		Year(s)		2013	Harrison, OH	17.92
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		85	Carter	594.85	206.33	388.52	↑Bad ↓Good	392.00	Tyler, WV	174.23
		For every 100 persons in the county, prevent 66 people from committing a violent crime.							White, GA	220.17
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Harrison, OH	79.45
		Number of reported violent crime offenses per 100,000 population								
Health Factors	Social & Economic Factors	Injury Deaths								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		95	Washington	170.16	70.04	100.12	↑Bad ↓Good	60.00	Tyler, WV	76.74
		For every 1,000 population consider ways to prevent 589 deaths as a result of intentional and unintentional injury.							White, GA	73.87
		Source		CDC WONDER mortality data		Year(s)		2009-2013	Harrison, OH	72.23
		Number of deaths due to injury per 100,000 population								
Health Factors	Social & Economic Factors	Air Pollution - Particulate Matter								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		49	Greene	13.68	13.14	0.54	↑Bad ↓Good	11.40	Tyler, WV	13.5
		Reduce the average daily measure of fine particulate matter by 0.54 micrograms per cubic meter (PM2.5).							White, GA	13.38
		Source		CDC WONDER Environmental data		Year(s)		2011	Harrison, OH	13.93
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)								
Health Factors	Physical Environment	Drinking Water Violations								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		No Rank	NA	No	No	NA	NA	NA	Tyler, WV	No
		There were no health-based drinking water violations.							White, GA	Yes
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Harrison, OH	Yes
		Percentage of population potentially exposed to water exceeding a violation limit during the past year								
Health Factors	Physical Environment	Severe Housing Problems								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		70	Unicoi	15.30%	11.70%	3.60%	↑Bad ↓Good	19.00%	Tyler, WV	9.90%
		For every 100 persons in the county experiencing housing problems, help 24 person(s) to find housing assistance.							White, GA	17.19%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	Harrison, OH	14.07%
		Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities								
Health Factors	Physical Environment	Driving Alone to Work								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		10	Johnson	80.27%	79.19%	1.07%	↑Bad ↓Good	76.00%	Tyler, WV	81.55%
		For every 100 persons that currently drive alone to work, convince 2 to carpool or take mass-transportation.							White, GA	83.73%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	83.65%
		Percentage of the workforce that drives alone to work								
Health Factors	Physical Environment	Long Commute - Driving Alone								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		61	Hamilton	40.50%	25.20%	15.30%	↑Bad ↓Good	31.00%	Tyler, WV	44.70%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 38 to carpool or take mass-transportation.							White, GA	41.90%
		Source		American Community Survey		Year(s)		2010-2014	Harrison, OH	49.60%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								